



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

3

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/036,859	12/21/2001	Thomas Michael Worth	DPL-020

021323  
TESTA, HURWITZ & THIBEAULT, LLP  
HIGH STREET TOWER  
125 HIGH STREET  
BOSTON, MA 02110

CONFIRMATION NO. 4031

## FORMALITIES LETTER



\*OC00000007462550\*

Date Mailed: 02/12/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 370 to complete the basic filing fee for a small entity.*
- Total additional claim fee(s) for this application is \$171.
  - \$171 for 19 total claims over 20.
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 606.

*A copy of this notice **MUST** be returned with the reply.*

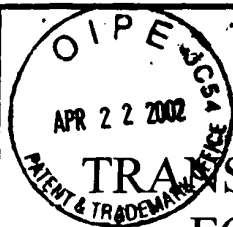
Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

04/23/2002 SDENB081 00000028 10036859

01 FC:201	370.00 OP
02 FC:203	171.00 OP
03 FC:205	65.00 OP

COPY OF PAPERS  
ORIGINALLY FILED



# TRANSMITTAL FORM

Application Serial Number	10/036,859
Filing Date	December 21, 2001
First Named Inventor	Worth
Group Art Unit	2878
Examiner Name	Not Yet Assigned
Attorney Docket No.	DPL-020
Patent No.	Not applicable
Issue Date	Not applicable

## ENCLOSURES (check all that apply)

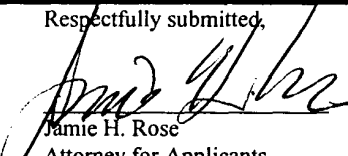
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form	<input checked="" type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences
<input type="checkbox"/> Amendment/Response <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____]	<input type="checkbox"/> Formal Drawing(s)	<input type="checkbox"/> Appeal Brief (in triplicate)
<input type="checkbox"/> Petition for Extension of Time	<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal	<input type="checkbox"/> Status Inquiry
<input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Form PTO-1449 <input type="checkbox"/> Copies of IDS Citations	<input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)	<input checked="" type="checkbox"/> Return Receipt Postcard
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8
<input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input checked="" type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application	<input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8
	<input checked="" type="checkbox"/> Small Entity Statement	<input type="checkbox"/> Additional Enclosure(s) (please identify below)
	<input type="checkbox"/> CD(s) for large table or computer program	
	<input type="checkbox"/> Amendment After Allowance	
	<input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	

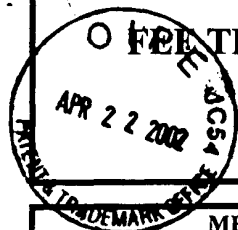
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## CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator  
Testa, Hurwitz & Thibault, LLP  
High Street Tower  
125 High Street  
Boston, MA 02110  
Tel. No.: (617) 248-7000  
Fax No.: (617) 248-7100

## SIGNATURE BLOCK

Respectfully submitted,  
  
Date: April 12, 2002  
Reg. No. 45,054  
Tel. No.: (617) 248-7376  
Fax No.: (617) 248-7100  
Jamie H. Rose  
Attorney for Applicants  
Testa, Hurwitz & Thibault, LLP  
High Street Tower  
125 High Street  
Boston, MA 02110



**FEE TRANSMITTAL**  
FY 2002

Complete if Known

Application Serial Number	10/036,859
Filing Date	December 21, 2001
First Named Inventor	Worth
Group Art Unit	2878
Examiner Name	Not Yet Assigned
Attorney Docket No.	DPL-020

**METHOD OF PAYMENT**

1. ☒ Payment Enclosed:  
☒ Check ☐ Money Order ☐ Other
2. ☒ The Commissioner is hereby authorized to credit or charge any fee indicated below for this submission to Deposit Account No. 20-0531.  
☐ Required Fees (copy of this sheet enclosed).  
☒ Additional fee required under 37 CFR 1.16 and 1.17.  
☒ Overpayment Credit.
3. ☒ Applicant claims small entity status.

**FEE CALCULATION**

**1. FILING FEE**

**Large Entity**

Fee (\$)	Fee Description	Fee Paid
740	Utility filing fee	740.00
330	Design filing fee	
160	Provisional filing fee	

	Number Filed	Number Extra	Rate	Amount
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Total Claims 39 - 20 = 19 x \$ 18.00 = 342.00

Independent Claims 2 - 3 = 0 x \$ 84.00 = 0

☐ Multiple Dependent Claim(s), if any \$280.00 = 0

TOTAL: 1,082.00

SMALL ENTITY DISCOUNT: 541.00

SUBTOTAL (1) (\$) 541.00

**2. AMENDMENT CLAIM FEES**

Claims Remaining After Amend.	Highest No. Previously Paid For	Present Extra	Rate	Fee Paid
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Total - = x \$ 18.00 =

Indep. - = x \$ 84.00 =

☐ First Presentation of Multiple Dep. Claim + \$280.00 =

TOTAL: (\$)

SMALL ENTITY DISCOUNT: (\$)

SUBTOTAL (2) (\$)0

**FEE CALCULATION (continued)**

**3. ADDITIONAL FEES**

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
130	65	Surcharge - late filing fee or oath	65.00
50	25	Surcharge - late provisional filing fee or cover sheet	
130	130	Non-English specification	
2,520	2,520	Request for ex parte reexamination	
110	55	Extension for reply within first month	
400	200	Extension for reply within second month	
920	460	Extension for reply within third month	
1440	720	Extension for reply within fourth month	
1960	980	Extension for reply within fifth month	
320	160	Notice of Appeal	
320	160	Filing a brief in support of an appeal	
280	140	Request for oral hearing	
130	130	Petitions to the Commissioner	
180	180	Submission of Information Disclosure Statement	
740	370	Filing a submission after final rejection (37 CFR 1.129(a))	
740	370	For each additional invention to be examined (37 CFR 1.129(b))	
100	100	Certificate of Correction for applicant's error	

Other fee (Specify)

Other fee (Specify)

SUBTOTAL (3) (\$) 65.00

SUBTOTAL (1) 541.00

SUBTOTAL (2) 0

SUBTOTAL (3) 65.00

TOTAL (\$) 606.00

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**CORRESPONDENCE ADDRESS**

Direct all correspondence to:

Patent Administrator  
Testa, Hurwitz & Thibault, LLP  
High Street Tower-125 High Street  
Boston, MA 02110  
Tel. No.: (617) 248-7000  
Fax No.: (617) 248-7100

**SIGNATURE BLOCK**

Respectfully submitted,

Date: April 12, 2002  
Reg. No.: 45,054  
Tel. No.: (617) 248-7376  
Fax No.: (617) 248-7100

Janie H. Rose  
Attorney for the Applicants  
Testa, Hurwitz & Thibault, LLP  
High Street Tower-125 High Street  
Boston, MA 02110



PATENT/  
Attorney Docket No. DPL-020


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Worth et al.  
SERIAL NO.: 10/036,859 GROUP NO.: 2878  
FILING DATE: December 21, 2001 EXAMINER: Not Yet Assigned  
TITLE: METHOD AND DEVICE FOR ACHIEVING A HIGH-Q  
MICROWAVE RESONANT CAVITY

COPY OF PAPERS  
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**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Box Missing Parts, Commissioner for Patents, Washington, DC 20231 on this 12th day of April, 2002.

  
Beverly Horvitz

Box Missing Parts  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

Submitted herewith is/are:

1. Transmittal Form (1 page)
2. Fee Transmittal (1 page)
3. Check in the amount of \$606.00
4. Declaration and Power of Attorney for Utility  
or Design Patent Application (3 pages)
5. Part 2- Copy of Notice to File Missing Parts  
of Nonprovisional Application (1 page)
6. Small Entity Statement (1 page)
7. Return Receipt Postcard



PATENT  
Attorney Docket No. DPL-020

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Worth et al.  
SERIAL NO.: 10/036,859 GROUP NO.: 2878  
FILING DATE: December 21, 2001 EXAMINER: Not Yet Assigned  
TITLE: METHOD AND DEVICE FOR ACHIEVING A HIGH-Q  
MICROWAVE RESONANT CAVITY

Commissioner for Patents  
Washington, D.C. 20231

TRANSMITTAL OF FORMAL DRAWINGS

Sir:

Enclosed herewith for filing in the above-referenced patent application please find:

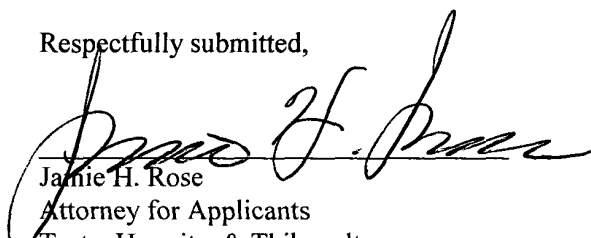
- (a) the formal drawing(s) for this application - Number of Labeled Sheets - 4.

Date: March 15, 2002  
Reg. No. 45,054

Tel. No.: (617) 248-7376  
Fax No.: (617) 248-7100

ROSEJH6209\22.2302696\_1

Respectfully submitted,

  
Jamie H. Rose  
Attorney for Applicants  
Testa, Hurwitz, & Thibeault, LLP  
High Street Tower  
125 High Street  
Boston, Massachusetts 02110



0360

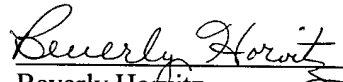
PATENT  
Attorney Docket No. DPL-020

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Worth et al.  
SERIAL NO.: 10/036,859 GROUP NO.: 2878  
FILING DATE: December 21, 2001 EXAMINER: Not Yet Assigned  
TITLE: METHOD AND DEVICE FOR ACHIEVING A HIGH-Q  
MICROWAVE RESONANT CAVITY

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Commissioner for Patents, Washington, DC 20231 on this 15<sup>th</sup> day of March, 2002.

  
Beverly Horvitz

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Submitted herewith is/are:

1. Transmittal Form (1 page)
2. Transmittal of Formal Drawings (1 page)
3. Formal Drawings – 4 Labeled Sheets
4. Return Receipt Postcard